

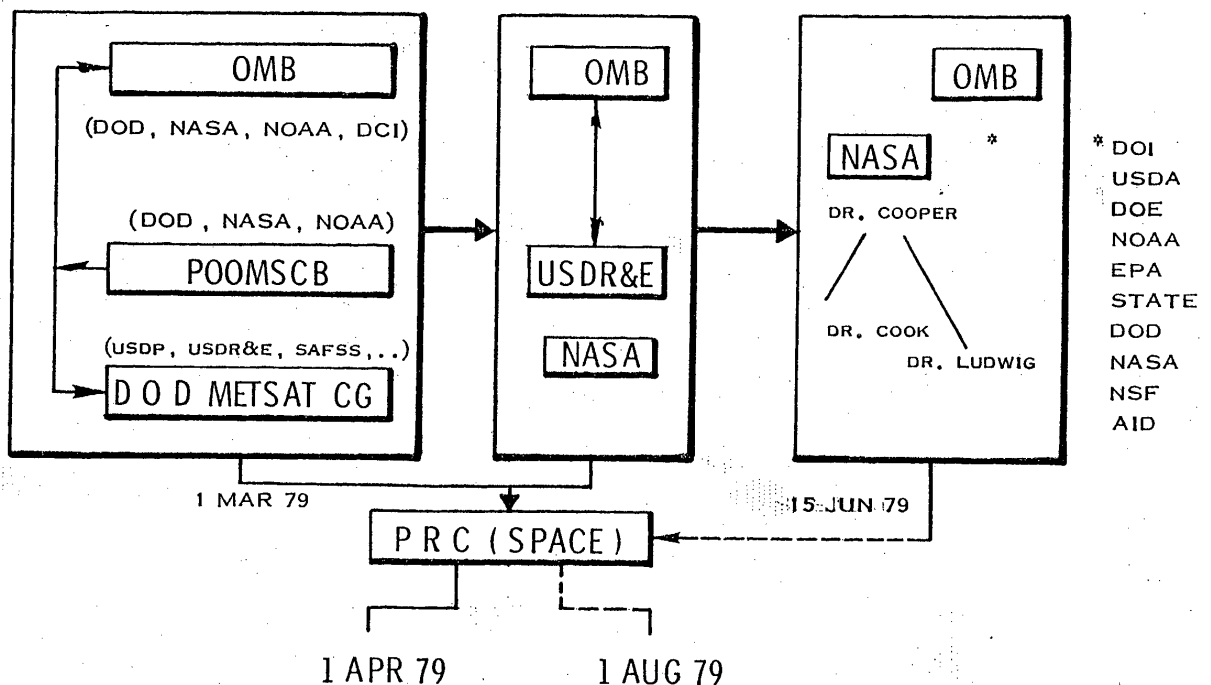
PD 42 ACTIVITIES

LAND

ATMOS
DMSP / TIROS

OCEAN
NOSS

IRSSS
REMOTE SENSING (LAND...)



OVERVIEW

- DMSP / USAF - AIR WEATHER SERVICE (AWS) / CUSTOMER
- HISTORY
 - DMSP
 - POLICY / CONVERGENCE ISSUE

STATUS OF ACTIONS
ON
CONVERGENCE OF POLAR ORBITING METEOROLOGICAL SATELLITE PROGRAMS

- D O D : USAF — DEFENSE METEOROLOGICAL SATELLITE PROGRAM (DMSP)
- CIVIL : NASA / NOAA — TIROS - N

NOTE : CIVIL GEOSTATIONARY METSAT NOT ADDRESSED

CIVIL

GEOSTATIONARY & POLAR ORBITING

GOES

TIROS - N

D O D

POLAR ORBITING

DMSP

POLICY / CONVERGENCE ISSUE

- SPACE ACT OF 1958:

SPACE ACTIVITIES ... CIVIL EXCEPT THOSE...

" PECULIAR TO OR PRIMARILY ASSOCIATED WITH WEAPONS,
MILITARY OPERATIONS, DEFENSE... (INCLUDING R & D)...
RESPONSIBILITY OF AND DIRECTED BY D O D. "

- 1972 - 73 : OMB DIRECTED D O C STUDY CONVERGENCE TIROS / DMSP

- OMB : DMSP MOST EFFICIENT, LEAST EXPENSIVE
- DEPT of STATE : INTERNATIONAL RELATIONS
- N S C : RETAIN BOTH
- POOMSCB FORMED : NASA / NOAA / D O D

POLICY / CONVERGENCE ISSUE

- MAY 78: PD - 37... D O D - ENVIRONMENTAL MONITORING
- OCT 78: PD - 42... OMB (D O D , DCI , NASA , NOAA)
 - CROSSCUT REVIEW OF METSAT PROGRAMS
 - PRC (SPACE) - POLICY BY 1 APR 79
 - INTEGRATED REMOTE SENSING STUDY
- OCT 78: AF / RD - SAF / SS - POOMSCB
 - BRIEF POOMSCB STUDY TO OMB
- OCT 78: CUSTOMER POSITION PAPER TO AF / RD & XO
- FEB 79: D O D POSITION PAPER
- 1 MAR 79: POOMSCB STUDY TO OMB , NSC , IRSSS , OSTP STAFF
- 1 APR 79: P R C (SPACE) POLICY

CURRENT ACTIVITIES

- POOMSCB STUDY :

- ALTERNATIVES :

- SEPARATE PROGRAMS
 - FULLY CONVERGED... SINGLE AGENCY (D O D OR NASA)
 - CONSOLIDATED - JOINT S / C DEVELOPMENT... SEPARATE C²

- MAJOR POLICY ISSUES : (DEVELOPMENT & C²)

- INTERNATIONAL REACTION TO D O D CONTROL OF CIVIL SYSTEMS
 - D O D NEED FOR RESPONSIVENESS THROUGH CONTROL OF C² AND DEVELOPMENT

- D O D & CUSTOMER POSITION :

- D O D - JOINT DEVELOPMENT OK BUT D O D LEAD AGENCY
 - - NEED D O D C² FOR AT LEAST TWO S / C

- P R C (SPACE) TO RESOLVE

POSITIONS

	PRIMARY CUSTOMER (Approved)	DOD (Approval / Control)
DESIGN/DEVELOPMENT		MAIN ISSUE
S/C		X
SENSORS	X	X
TELEMETRY	X	X
DATA PROCESSING	X	X
PROCUREMENT		X
LAUNCH		X
ORBIT	X	X
NODAL TIME	X	X
COVERAGE SELECTION	X	X
C ²		
ALL		X
SECURITY	X	MAIN ISSUE

WILL DOD POSITION ALLOW NASA / NOAA PERSONNEL DESIGN / OPERATE A REAL TIME
OPERATIONAL MILITARY SUPPORT SYSTEM ?

RECOMMENDATION

- AT P R C (SPACE) SUPPORT :
 - D O D AS LEAD AGENCY FOR JOINT POLAR ORBITING METSAT PROGRAM
 - D O D COMMAND & CONTROL OF AT LEAST TWO SPACECRAFT